20040106.ba v03_n589.bam.20040106

>From ???@??? Tue Jan 6 15:23:58 2004 -0600
Message-Id: <200401062123.i06LNfVc021790@sco.theporch.com>
Date: Tue, 6 Jan 2004 15:23:25 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3589

BOATANCHORS Digest 3589

Topics covered in this issue include:

  1) Re: more SX-42 questions (results)
     by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
  2) WTD: DX-100 Manual and knob
     by "Merz Donald S" <merz.ds@mellon.com>
  3) WTD: Info On B&W Model B Turret
     by "Merz Donald S" <merz.ds@mellon.com>
  4) Re: more SX-42 questions (results)
     by "Nick England" <nick@3rdtech.com>
  5) Drake TR-6
     by "Ray Perrin" <Ray.Perrin@PWGSC.GC.CA>
  6) FS: Drake B-Line and SX-25
     by "Merz Donald S" <merz.ds@mellon.com>
  7) RE: Comments on BC-348N
     by "Richard Humphrey" <n6nae@ix.netcom.com>
  8) For sale: Tuning unit for GP-7 WW 2 xmtr. 40 meters.
     by Meyer Gottesman <wrecktech@yahoo.com>
  9) RE: WTD: DX-100 Manual and knob
     by "Mike Warren" <k0maz@earthlink.net>
 10) Re: more SX-42 questions (results)
     by "Arden Allen" <gumbear@pacbell.net>
 11) National Help
     by Bob Kemp <bkemp@bobkemp.com>
 12) Wanted: Rare version of ARC-5 "command" transmitter. WW II vintage.
     by Meyer Gottesman <wrecktech@yahoo.com>
 13) Re: They're still out there....
     by "JAMES T HANLON" <knjhanlon@msn.com>
 14) Diode cross reference
     by "Bob Kemp" <bkemp@bobkemp.com>
 15) Re: Diode cross reference
     by "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
 16) Re: Diode cross reference
     by Jerry Proc <jerry.proc@sympatico.ca>
 17) Re: Diode cross reference
     by "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
 18) BC-611 power inverters

    by W7QHO@aol.com
 19) SX-42 SWITCH LEAKAGE/SOLDER FLUX RESIDUE
    by JOHN.SEHRING@ecunet.org
 20) Re: SX-42 SWITCH LEAKAGE/SOLDER FLUX RESIDUE
    by Bob Roehrig <broehrig@aurora.edu>
 21) Re: SX-42 SWITCH LEAKAGE/SOLDER FLUX RESIDUE
    by John Shriver <jshriver@internap.com>
 22) Re: SX-42 SWITCH LEAKAGE/SOLDER FLUX RESIDUE
    by "A. B. Bonds" <ab@vuse.vanderbilt.edu>

Message-Id: <5.1.0.14.0.20040105100212.03875b98@vuse.vanderbilt.edu>
Date: Mon, 05 Jan 2004 10:09:18 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: Re: more SX-42 questions (results)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 11:45 AM 1/3/2004 -0500, you wrote:
>By popular demand: what caused the 60 Megohm leakage and how did I fix it?
>
>Cause is unknown. Unlike some of the stories I have read about here, there
>was no noticable evidence of charring on this switch, even in the area of
>the problem. There was, however, some evidence of earlier component
>replacement in that area, so there may have been a short with excessive
>heating of a contact and the insulation around it. Some contact cleaner
>residue was seen, but I do not know if that contributed.
>
Having seen exactly this problem twice before, I have thought about it a bit. The design fault is that the B+ for the first RF stage is run through the switch (since the first stage is not active on the lowest bands) adjacent to the grid signal for the second stage. The leakage may result from two causes: 1. The screen bypass cap gets leaky, markedly increasing the screen current running through the switch, heating it up and carbonizing the phenolic. The burning of the screen decoupling resistor is a hint, here. 2. It's really crummy phenolic. There may simply be some leakage that develops due to e.g. water absorption, leading to heating etc. The B+ is something like 200 volts, and it is avidly searching for a path to gound. The way to stop it is to scrape. Similar switch leakage has been noted at least once in the tone switch as well.

Sigh.

A. B. Bonds

Message-ID: <20040105161406.24818.qmail@mellon.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Subject: WTD: DX-100 Manual and knob
Date: Mon, 5 Jan 2004 11:14:03 -0500
From: "Merz Donald S" <merz.ds@mellon.com>
To: Old Tube Radios <boatanchors@theporch.com>

I need a DX-100 manual copy. But weren't there different versions of =
this TX? Are the differences such that I need to make sure the manual I =
get matches the version I have? How do I tell which version I have?

This one also has an unoriginal knob in the center below the dial. If =
anyone has an original knob, I could use that too.

Thanks.
73, Don Merz, N3RHT

Message-ID: <20040105162415.378.qmail@mellon.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Subject: WTD: Info On B&W Model B Turret
Date: Mon, 5 Jan 2004 11:24:12 -0500
From: "Merz Donald S" <merz.ds@mellon.com>
To: Old Tube Radios <boatanchors@theporch.com>

The B&W model B turret was apparently made before WWII. It has a =
multi-deck 4 position switch in a mount surrounded on 3 sides with coil =
jack bars for B&W Bxx coils. This setup gives you both band switching =
and plug-in coils. I guess the idea is that coils for your 3 most-used =
bands could stay in the turret. So coil changing to switch bands is kept =
to a minimum. I think the B turret must be rated 100-150 watts.=20

If anyone has an original brochure on the B turret or pages from a B&W =
catalog that could be copied, I'd like to see that. Alternatively, if =
anyone has seen any published construction articles that use this =
assembly, that would be very interesting too. All I have now is the =
listing and photo in an old Radio Supply catalog.

Any help appreciated.
Thanks.

73, Don Merz, N3RHT

Message-ID: <006b01c3d3b4$12528dc0$fd0212ac@3rdtech.com>
From: "Nick England" <nick@3rdtech.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: more SX-42 questions (results)
Date: Mon, 5 Jan 2004 12:48:04 -0500
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, splutter, splutter - A piece of consumer electronics gear that has problems after only 50 years! - we should put together a class action suit over this obviously defective cost-cutting design incorporated for the sole purpose of boosting Hallicrafters' profits and enriching radio repair shops. Uh, wait, there aren't any more radio repair shops and Hallicrafters is long gone too - well, never mind.

Truthfully guys, I am constantly amazed at just how well most all of our old gear has held up, far far beyond its expected lifetime. Hats off to the engineers and industry of yesteryear!

73 & Have Fun,
Nick KD4CPL
(just starting to resurrect a really pitiful SX-42 as this year's Great Radio Adventure - and saving all the e-mail from those who have boldly gone before)

----- Original Message -----
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
> Having seen exactly this problem twice before, I have thought about it a
> bit. The design fault is that the B+ for the first RF stage is run through
> the switch (since the first stage is not active on the lowest bands)
> adjacent to the grid signal for the second stage. The leakage may result
> from two causes: .....
> Sigh.
>
> A. B. Bonds
>
>

---
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Subject: Drake TR-6
Date: Mon, 5 Jan 2004 13:05:46 -0500
Message-ID: <FEF17AD409266149B3C9F3E81171537B02BE7A86@mb-ncr-105.ad.pwgsc-tpsgc.gc.ca>
From: "Ray Perrin" <Ray.Perrin@PWGSC.GC.CA>
To: Old Tube Radios <boatanchors@theporch.com>

Gang,

As an active VHF operator, I would like to add a Drake TR-6 to my =
collection of vintage radios. I am willing to pay top dollar for one =
that is in excellent cosmetic condition and I would appreciate any =
leads.

73

Ray Perrin
VE3FN, VY0AAA

Message-ID: <20040105182654.27768.qmail@mellon.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Subject: FS: Drake B-Line and SX-25
Date: Mon, 5 Jan 2004 13:26:52 -0500
From: "Merz Donald S" <merz.ds@mellon.com>
To: Old Tube Radios <boatanchors@theporch.com>

FOR SALE: I am getting ready to post these to eBay. But if you have any =
interest in them, please let me know in the next day or two.

Drake B-Line. R-4B, T4-XB, MS-4/AC-4, MN-4 with original manuals. The =
MS-4 cabinet has some scratches on the side. But otherwise, this is one =
of the cleanest, nicest Drake B-lines you will ever see. It has been in =
my collection for about 10 years. I bought it from the original owner. =
It is in very good working condition, transmits and receives off of =
either VFO. The final tubes in it are solid. The only known problem =
happened recently and that is that one adjustment on the MN-4 has =
started to bind when the knob is rotated. I have not opened it up to =
find out why. With original manuals. $480 plus shipping for the whole =
rig.

Hallicrafters SX-25 in fair to poor cosmetic condition. It's all there. =
The front panel has good silk screening. But the gray wrinkle paint on =
the front panel looks old and seems to have a very fine sheen of surface =

rust in spots. The top and sides of the cabinet are poor. One side has =
several bad rust spots maybe 2 inches in diameter. The top has several =
large stains but no rust. The louvers are present and have small rust =
spots on them. This radio has all original knobs, dials and meter. The =
dials both work. There are no unoriginal holes in the cabinet. But the =
rear chassis apron has several unoriginal holes for an SO-239 (not =
installed) and other unknown mods that do not seem to have been finished =
beyond drilling the holes. Internally, the chassis has light corrosion =
all over. All parts appear to be original. All tubes are present. The =
line cord has been changed. As-is. Untested. $65

Thanks for looking.
73, Don Merz, N3RHT

Message-ID: <4120041151811124480@ix.netcom.com>
From: "Richard Humphrey" <n6nae@ix.netcom.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Comments on BC-348N
Date: Mon, 5 Jan 2004 10:11:12 -0800
MIME-Version: 1.0
Content-Type: multipart/alternative;
     boundary="----=_NextPart_84815C5ABAF209EF376268C8"

------=_NextPart_84815C5ABAF209EF376268C8
Content-type: text/plain; charset=US-ASCII

Hi:

Read the comments on BC-348N in digest #3588. Ditto on
replacing the black caps. 100% in mine failed shorted or grossly
leaky. I had to replace all except I haven't done the one buried inside
the BFO can. One of these days. Ditto on the ungrounded negative
supply line. The audio does not need to be messed with at all if the bias
is working right and the output impedance is matched. I get room filling
clean audio from an old Jensen speaker.

Not so fast on the comment that replacing the dynamotor with a
power supply will increase heating. I think it decreases heating. I
don't have the right motor to check this, but I have a DM-53A in hand which is
about the same size. At full load, 220V at 80ma, it sucks 1.4 amps at 28
volts. Power out minus power in equals 21.6 watts being dissipated as heat
from the motor. Now take a 5Y3GT. The filament wastes 10 watts, and

the plate probably dissipates 5 watts, that being about half the tubes meltdown rating. So you get 21 watts from the motor versus 15 watts from a 5Y3GT. QED, it will be cooler with a 5Y3GT. The tube only seems warmer since the heat is concentrated in a smaller area.

The power supply I designed for mine is silicon and dissipates next to zero heat, the only warmth coming from a slight rise from the transformer cores.

Interesting side note, the GE manual says that the voltage drop at 125ma is 50 volts across a 5Y3GT and 60 volts across a 5Y3G or 5Y3GA. Time to swap out to the GT version.

Richard

------=_NextPart_84815C5ABAF209EF376268C8
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* *
*   ---REMAINDER OF MESSAGE TRUNCATED---   *
*   This post contains a forbidden message format   *
* (such as an attached file, a v-card, HTML formatting) *
*   Mail Lists at theporch.com only accept PLAIN TEXT   *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* *

------=_NextPart_84815C5ABAF209EF376268C8--

Message-ID: <20040105185226.5899.qmail@web10006.mail.yahoo.com>
Date: Mon, 5 Jan 2004 10:52:26 -0800 (PST)
From: Meyer Gottesman <wrecktech@yahoo.com>
Subject: For sale: Tuning unit for GP-7 WW 2 xmtr. 40 meters.
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

For sale:

The very scarce 40 meter tuning unit for the GP-7 transmitter. WW II vintage.

Sacrifice: $100.00 plus shipping FOB Warner Robins,
GA. Personal checks welcome and do not cause a delay.

Perfect condition.

Tel: (478)741-1710.

73,

Meyer Gottesman, W6GIV
Macon, GA

_____
Do you Yahoo!?
Find out what made the Top Yahoo! Searches of 2003
http://search.yahoo.com/top2003

Message-ID: <410-22004115192456849@earthlink.net>
From: "Mike Warren" <k0maz@earthlink.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Subject: RE: WTD: DX-100 Manual and knob
Date: Mon, 5 Jan 2004 13:24:56 -0600
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Don,

Two versions:
DX-100 - case larger than front panel (20.75 x 13.75 x 16); has switch/concentric knob for output loadling and will match 50-600 ohms; copper plated chassis; xtal select from front panel switch

DX-100B - case almost same size as front panel (19.5 x 11.5 x 16) and has lid that can be opened; has single knob for output loading and will match 50-75 ohms; zinc-plated chassis; no xtal select switch

(from "HEATHKIT - A Guide to the Amateur Radio Products" by Chuck Penson WA7ZZE)

73 de Mike, K0MAZ

> [Original Message]
> From: Merz Donald S <merz.ds@mellon.com>
> To: Old Tube Radios <boatanchors@theporch.com>
> Date: 1/5/2004 10:14:52 AM
> Subject: WTD: DX-100 Manual and knob

>
> I need a DX-100 manual copy. But weren't there different versions of this TX? Are the differences such that I need to make sure the manual I get matches the version I have? How do I tell which version I have?
>
> This one also has an unoriginal knob in the center below the dial. If anyone has an original knob, I could use that too.
>
> Thanks.
> 73, Don Merz, N3RHT

Message-ID: <003801c3d3c3$672d6ea0$b4e47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: more SX-42 questions (results)
Date: Mon, 5 Jan 2004 11:37:27 -0800
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> ......Hats off to the engineers and industry of yesteryear! ....

Amen, Brother.

PS; You don't suppose Hallicrafters went out of business because someone else got greedy, do you?

Arden Allen
KB6NAX

Message-ID: <3FF9DE92.3030801@bobkemp.com>
Date: Mon, 05 Jan 2004 16:00:50 -0600
From: Bob Kemp <bkemp@bobkemp.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: National Help
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

That's National Radio help....I have a NCX 5 with the mechanical/digital read out. Anyone have ajunker out there...I'm in need of some digits! or the mechanism!
Bob

Message-ID: <20040105214732.32605.qmail@web10006.mail.yahoo.com>
Date: Mon, 5 Jan 2004 13:47:32 -0800 (PST)
From: Meyer Gottesman <wrecktech@yahoo.com>
Subject: Wanted: Rare version of ARC-5 "command" transmitter. WW II vintage.
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Wanted:

One very rare "bird". I am seeking to buy an ARC-5
transmitter that covered 1.3 to 2.1 MHz.

For a pristine condition transmitter, I will pay
$200.00 cash plus shipping/insurance. No questions
asked!

Unit must not show any "smashes" or "dents" but minor
blemishes, scratches, etc. are okay.

Only the following mods. are acceptable.

a-Heaters rewired for 12.6 volts.
b-RF connector changed to BNC or UHF.
c-Cathodes of the finals brought out to a jack for
keying.
d-Rear power connector changed to octal female or
male.

Must have all tubes and calib. xtal.

Tel: (478)741-1710 in Macon, GA.

73,

Meyer Gottesman, W6GIV

_____
Do you Yahoo!?
Find out what made the Top Yahoo! Searches of 2003
http://search.yahoo.com/top2003

From: "JAMES T HANLON" <knjhanlon@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: They're still out there....

Date: Mon, 5 Jan 2004 15:09:39 -0700
MIME-Version: 1.0
Content-Type: multipart/alternative;
     boundary="----=_NextPart_000_0061_01C3D39D.F070B3F0"
Message-ID: <BAY4-DAV81dsFlcZSWN00013d7b@hotmail.com>

This is a multi-part message in MIME format.

------=_NextPart_000_0061_01C3D39D.F070B3F0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

  1.. B.
Your BC348 sounds great! I have a BC348-R up in the attic right now =
that I pulled out of a pile of stuff put out on a drive way for the =
gargage man to pick up. It has its dynamotor and shock mount, and the =
only mod I can spot is a second gain control. I keep thinking I should =
remove it, patch and paint the hole in the panel, and return it to =
original condition. I think we will have a common problem, though, and =
that is what to do about the capacitors. Those molded black caps, 0.01 =
mfd, are bad news. I have another BC348-R, much modified, that a friend =
gave me a while back and that I just got back on the air. I am not one =
to replace capacitors wholesale, but this receiver had several already =
replaced and a couple more that were shorted. So I just went ahead and =
did the whole job, plus replacing several resistors that the burned-out =
caps had taken with them. This radio is now on the air and I'm having =
fun with it. =20

I'd be interested in what you plan to do with your receiver, put it on =
the air or keep it original?

73,

Jim, W8KGI
  ----- Original Message -----=20
  From: A. B. Bonds=20
  To: Old Tube Radios=20
  Sent: Friday, January 02, 2004 10:02 AM
  Subject: They're still out there....

  Santa (in the guise of Gary Schneider at Playthings of the Past, =
Cleveland=20
  OH) brought me a BC-348N. It's exceedingly clean, just a little paint =
off=20
  a couple of the knobs, and the inside is pristine (as in unmolested),=20
  including...the dynamotor. Wow. He said it came from an estate sale. =

```
 He=20
  also has a transmitter for a Spitfire and a very old RCA military set=20
  (black wrinkle, round speaker and dial, magic eye).  Sorry, I didn't =
get=20
  the numbers.

  Now that I have bragged on this, I'd like to find one of those weird=20
  sideways 8-pin Jones kinda sockets for the power connecter.  I'd hate =
to=20
  kludge this one, it's too nice.  Are we talking unobtanium?

  73

  A. B. Bonds

------=_NextPart_000_0061_01C3D39D.F070B3F0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*         ---REMAINDER OF MESSAGE TRUNCATED---                  *
*     This post contains a forbidden message format             *
*  (such as an attached file, a v-card, HTML formatting)        *
*    Mail Lists at theporch.com only accept PLAIN TEXT          *
* If your postings display this message your mail program       *
* is not set to send PLAIN TEXT ONLY and needs adjusting        *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

------=_NextPart_000_0061_01C3D39D.F070B3F0--

------------------------------
Message-ID: <002b01c3d3fb$ec3eda60$6501a8c0@radio>
From: "Bob Kemp" <bkemp@bobkemp.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Diode cross reference
Date: Mon, 5 Jan 2004 20:22:24 -0600
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What's a  cross reference for a 1n484 diode?
Thanks.
Bob

------------------------------
Message-ID: <00dd01c3d3fd$00fa0dc0$890f8490@virtual>
From: "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
```

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Diode cross reference
Date: Tue, 6 Jan 2004 13:30:09 +1100
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Bob Kemp"

What's a cross reference for a 1n484 diode?
Thanks.
Bob

**** See this:-
http://nte01.nteinc.com/nte/NTExRefSemiProd.nsf/5f94e45f99cb39c785256a8400531fe4?
CreateDocument

Brian Goldsmith

Message-ID: <3FFA1E2B.EBAD0933@sympatico.ca>
Date: Mon, 05 Jan 2004 21:32:11 -0500
From: Jerry Proc <jerry.proc@sympatico.ca>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Diode cross reference
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Bob,

Radio Shack lists Archer #276-1122 as a replacement for types
1N484/A/B/C and 276-1104 for the 1N484TH

276-1122 = 75V PIV; If of 10 ma
276-1104 = 600V PIV; If of 1 amp

Bob Kemp wrote:

> What's a cross reference for a 1n484 diode?
> Thanks.

> Bob

--

Regards,
Jerry Proc VE3FAB
Toronto, Ontario
e-mail: jerry.proc@sympatico.ca
http://webhome.idirect.com/~jproc/ve3fab

Message-ID: <00f601c3d400$a298b070$890f8490@virtual>
From: "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Diode cross reference
Date: Tue, 6 Jan 2004 13:56:08 +1100
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Bob Kemp"

What's a cross reference for a 1n484 diode?
Thanks.
Bob

 See this:-
http://nte01.nteinc.com/nte/NTExRefSemiProd.nsf/5f94e45f99cb39c785256a8400531fe4?
CreateDocument

***For some reson or other,that link will not work,try :-
http://www.nteinc.com/specs/100to199/pdf/nte177.pdf

Brian Goldsmith

From: W7QHO@aol.com
Message-ID: <161.2a1b0c20.2d2c60c9@aol.com>
Date: Tue, 6 Jan 2004 14:04:41 EST
Subject: BC-611 power inverters
To: Old Tube Radios <boatanchors@theporch.com>

MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_161.2a1b0c20.2d2c60c9_boundary"

--part1_161.2a1b0c20.2d2c60c9_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

All,

Ordered up three of the Italian solid state power inverters for the BC-611 last summer. The units work great, but the source's web site (http://www.tecnosurplus.com/radio_equipments.htm) no longer lists the product line. I seem
to remember references to similar units available from UK and Australian sources. Does anyone have more information?

Thanks,

Dennis D. W7QHO
Glendale, CA

--part1_161.2a1b0c20.2d2c60c9_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
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* is not set to send PLAIN TEXT ONLY and needs adjusting *
* *

--part1_161.2a1b0c20.2d2c60c9_boundary--

Date: Tue, 6 Jan 2004 15:22:40 -0500 (EST)
Message-Id: <200401062022.i06KMeiF104427@wine.ecunet.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: SX-42 SWITCH LEAKAGE/SOLDER FLUX RESIDUE
From: JOHN.SEHRING@ecunet.org

To: boatanchors@theporch.com

Any thoughts on how best to remove solder flux residue in order to
eliminate leakage paths?

 -John Sehring (Tue, Jan 6, 2004, 10:17 am) Dell Rapids SD - UCC - WB0EQ
              "Live long and prosper." -John 10.10b (adapted)

Date: Tue, 6 Jan 2004 14:40:45 -0600 (CST)
From: Bob Roehrig <broehrig@aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: SX-42 SWITCH LEAKAGE/SOLDER FLUX RESIDUE
Message-ID: <Pine.OSF.4.58.0401061439500.65278@mail.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 6 Jan 2004 JOHN.SEHRING@ecunet.org wrote:

> To: boatanchors@theporch.com
>
> Any thoughts on how best to remove solder flux residue in order to
> eliminate leakage paths?

How 'bout going to yoiur favorite booze store and get a bottle of 99%
grain alcohol?

                          Bob Roehrig
                  Aurora University Telecom/IS dept.
                  broehrig@aurora.edu   73 de K9EUI
                  630-844-4898   fax 630-844-4222

Message-ID: <3FFB1E0E.5000605@internap.com>
Date: Tue, 06 Jan 2004 15:43:58 -0500
From: John Shriver <jshriver@internap.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: SX-42 SWITCH LEAKAGE/SOLDER FLUX RESIDUE
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Well, for rosin-core flux, the traditional removers include Freon-TF and
Triclorethylene, which are very strongly regulated chemicals now.
That's why so many old PC board manufacturing facilities are now
hazardous waste sites, they have big Triclorethylene plumes flowing into
the ground water. I worked next to one such building, it was shuttered,

with a dozen monitoring wells...

Commercial PC board soldering is now done with liquid fluxes that can be
washed off with detergent/water solutions. But it's hard to get solder
with that cored into it, moreover I think these fluxes remain active
after use, and MUST be washed off. Nice thing about rosin is that it's
only active (corrosive) when hot.

So, you need strong chlorinated solvents...

JOHN.SEHRING@ecunet.org wrote:

>Any thoughts on how best to remove solder flux residue in order to
>eliminate leakage paths?
>
>

Message-Id: <5.1.0.14.0.20040106152223.03875918@vuse.vanderbilt.edu>
Date: Tue, 06 Jan 2004 15:24:16 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: Re: SX-42 SWITCH LEAKAGE/SOLDER FLUX RESIDUE
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 03:22 PM 1/6/2004 -0500, you wrote:
>To: boatanchors@theporch.com
>
>Any thoughts on how best to remove solder flux residue in order to
>eliminate leakage paths?
There are a number of very expensive sprays for cleaning off solder
flux. That being said, I go to the local Big Lots and get their cheapest
carb cleaner (about 99 cents a can). Works great, though I should probably
toss and turn for being guilty of despoiling the atmosphere.

A. B. Bonds

End of BOATANCHORS Digest 3589
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